

FORM PTO-1449 (Modified)		SATTY. DOCKET NO. 1098.A1(41US1)		SERIAL NO.: 09/927,431	
LIST OF PATENTS AND PUBLICATIONS FOR APP ¹ C ² S ³ T ⁴ Y ⁵ D ⁶ O ⁷ C ⁸ T ⁹ E ¹⁰ S ¹¹ T ¹² A ¹³ S ¹⁴ T ¹⁵ M ¹⁶		APPLICANT: Richard A. Mathies et al			
INFORMATION DISCLOSURE STATEMENT		FILING DATE: August 9, 2001		GROUP: 1744	

U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
WAB		4,821,997	4/1989	Zdeblick	—	—	
WAB		4,908,112	3/1990	Pace	—	—	
WAB		4,965,188	10/1990	Mullis et al	—	—	COPY OF PAPERS ORIGINALLY FILED
WAB		5,006,749	4/1991	White	—	—	
WAB		5,110,745	5/1992	Kricka et al	—	—	
		5,126,022	6/1992	Seano et al	—	—	
		5,143,854	9/1992	Pirnung et al	—	—	
WAB		5,188,963	2/1993	Stapleton	—	—	
WAB		5,241,363	8/1993	Garner	—	—	
		5,252,294	10/1993	Kroy et al	—	—	
		5,281,516	1/1994	Stapleton et al	—	—	
		5,296,375	3/1994	Kricka et al	—	—	
		5,304,487	4/1994	Wilding et al	—	—	
		5,346,672	9/1994	Stapleton et al	—	—	
		5,382,511	1/1995	Stapleton	—	—	
		5,384,261	1/1995	Winkler et al	—	—	
WAB		5,427,946	6/1995	Kricka et al	—	—	
		5,436,129	7/1995	Stapleton	—	—	
		5,451,500	9/1995	Stapleton	—	—	
		5,498,392	3/1996	Wilding et al	—	—	
WAB		5,544,276	8/1996	Loux et al	—	—	
		5,587,128	12/1996	Wilding et al	—	—	
WAB		5,593,838	1/1997	Zanzucchi et al	—	—	

FOREIGN PATENT DOCUMENTS

	Country & Doc. No. (11)	Pub. Date (43)		MAR 21 2002	Sub Class	Translation Yes No
	WO 90/15070	12/1990	WIPO	TC 1700	—	—
	WO 92/10092	6/1992	WIPO		—	—
WAB	WO 93/22055	11/1993	WIPO		—	—
WAB	WO 93/22421	11/1993	WIPO		—	—
WAB	WO 94/05414	3/1994	WIPO		—	—
WAB	WO 96/15269	5/1996	WIPO		—	—
	WO 98/52691	11/1998	WIPO		—	—

EXAMINER	<i>R. A. Mathies</i>	DATE CONSIDERED
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. FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 1098.A1(41US1)	SERIAL NO.: 09/927,431
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT INFORMATION DISCLOSURE STATEMENT		APPLICANT: Richard A. Mathies et al FILING DATE: August 9, 2001 GROUP: 1744	

U.S. PATENT DOCUMENTS/CONTINUED

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
WAB		5,636,358	6/1997	Wilding et al	—	—	
WAB		5,637,469	6/1997	Wilding et al	—	—	
		5,726,026	3/1998	Wilding et al	—	—	
WAB		5,744,366	4/1998	Kricka et al	—	—	
WAB		5,846,335	12/1998	Wilding et al	—	—	
		5,858,195	1/1999	Ramsey	—	—	2/3/1997
WAB		5,866,345	2/1999	Wilding et al	—	—	3/5/1997
		5,976,336	11/1999	Dubrow et al	—	—	4/25/1997
		6,001,229	12/1999	Ramsey	—	—	8/1/1994
		6,001,231	12/1999	Kopf-Sill	—	—	7/15/1997
		6,010,607	1/2000	Ramsey	—	—	9/16/1998
		6,010,608	1/2000	Ramsey	—	—	9/16/1998

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<i>WBS</i>		Brenner et al, "DNA Fingerprinting by Sampled Sequencing," <i>Proc. Nat'l Acad. Sci.</i> , 86:8902-8906 (1989)
		Effenhauser et al, "Glass Chips for High-Speed Capillary Electrophoresis Separations with Submicrometer Plate Heights," <i>Anal. Chem.</i> , 65:2637-2642 (1993)
		Effenhauser et al, "High-Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," <i>Anal. Chem.</i> , 66:2949-2953 (1994)
		Fan and Harrison "Micromachining of Capillary Electrophoresis Injectors and Separators on Glass Chips and Evaluation of Flow at Capillary Intersections," <i>Anal. Chem.</i> , 66:177-184 (1994)
<i>WBS</i>		Fodor et al., "Light directed spatially addressable parallel chemical synthesis," <i>Science</i> , 251:767-777 (1991)
<i>WBS</i>		Ghandi, S.K. <i>VLSI Fabrication Principles</i> , 2 nd ed., John Wiley & Sons, Inc. Chapter 10, (1994)

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- Harrison et al, "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," *Science*, 261:895-897 (1993)
- Horowitz and Hill, *The Art of Electronics*, Chapter 15 pp. 987-1041, Cambridge University Press 1994 (2nd Ed. 1994)
- Jacobson et al, "Effects of Injection Schemes and Col. Geometry on the Performance of Microchip Electrophoresis Devices," *Anal. Chem.*, 66:1107-1113 (1994)
- Jacobson et al, "High-Speed Separations on a Microchip," *Anal. Chem.*, 66:1114-1118 (1994)
- Kuhn, et al, "DNA Helicases," *CSH-Quant. Biol.*, 43:63-67 (1978)
- Manz et al, "Planar chips technology for miniaturization and integration of separation techniques into monitoring systems: Capillary electrophoresis on a chip," *J. Chromatog.*, 593:253-258 (1992)
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- WAS STIX. "Gene Readers," *Scientific American*, Jan. 1994, pp. 149-150, Jan. 1994

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT: Richard A. Mathies et al	
		FILING DATE: August 9, 2001	GROUP: 1744

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U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document Type	Date	Name	Class	Sub Class	FILING DATE If Appropriate
WAB	5,126,022	✓	6/1992	Soane et al	—	—	
	5,143,854	✓	9/1992	Pirring et al	—	—	
	5,252,294	✓	10/1993	Kroy et al	—	—	
	5,281,516	✓	1/1994	Stapleton et al	RECEIVED	—	
	5,296,375	✓	3/1994	Kricka et al	MAR 26 2002	—	
	5,304,487	✓	4/1994	Wilding et al	TC 1700	—	
	5,346,672	✓	9/1994	Stapleton et al	—	—	
	5,382,511	✓	1/1995	Stapleton	—	—	
	5,384,261	✓	1/1995	Winkler et al	—	—	
	5,436,129	✓	7/1995	Stapleton	—	—	
	5,451,500	✓	9/1995	Stapleton	—	—	
	5,498,392	✓	3/1996	Wilding et al	—	—	
	5,587,128	✓	12/1996	Wilding et al	—	—	
	5,639,423	✓	6/17/1997	Northrup et al	—	—	
	5,726,026	✓	03/1998	Wilding et al	—	—	
	5,858,195	✓	01/1999	Ramsey	—	—	
	5,976,336	✓	11/1999	Dubrow et al	—	—	
	6,001,229	✓	12/1999	Ramsey	—	—	
V	6,001,231	✓	12/1999	Kopf-Sill	—	—	
	6,010,607	✓	01/2000	Ramsey	—	—	
WAB	6,010,608	✓	01/2000	Ramsey	—	—	

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	Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes	No
WAB	PCT WO 90/15070	12/13/90 ✓	PIRRUNG ET AL.	—	—		
WAB	PCT WO 92/10092	06/25/92 ✓	PODOR ET AL.	—	—		
WAB	PCT WO 98/52691	11/1998 ✓	HARRISON ET AL.	—	—		

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